



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

March 1996

**December 1995**

This bulletin covers 27 agricultural industries in the state of California. The number of industries ranges from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

**NOTE:** Data in this bulletin are now available electronically through a personal computer and modem. Our Labor Market Information Division's new bulletin board system, LMI On-Line, can be accessed by dialing (916) 262-2BBS (262-2227).

California's agricultural employment level totaled 305,900 in December 1995, 18,000 less than the November 1995 level of 323,900. (Table 1-A.) Agricultural employment levels decreased in all regions from the previous month, except in the Desert region, which showed an increase, and the San Joaquin region, which exhibited little change. (Tables 2-A through 7-A.)

## Wage and Salary Workers in Agricultural Establishments

For December 1995

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	305.9	150.1	51.2	43.8	33.9	20.7	10.3
Total Crops	159.2	63.0	33.8	25.2	15.1	14.3	7.7
Total Livestock	25.2	13.8	2.0	1.2	5.0	1.8	1.5
Total Services	121.5	73.3	15.4	17.4	13.8	4.6	1.1

Source: Tables 1-A through 7-A.

## CHANGES FROM ONE YEAR AGO

California's December 1995 agricultural employment level of 305,900 was 16,200 higher than the December 1994 level of 289,700, an increase of 5.6%. (Table 1-A.)

Production workers statewide earned an average of \$6.89 per hour in December 1995, a decrease of one cent from the prior year level of \$6.90. (Table 1-E.)

## REGIONAL CROP ACTIVITIES

Regional crop activities are not available. The source document for this data, the California Farm Labor Report (881A), is no longer produced.

## AGRICULTURAL PRODUCTION WORKERS

California's agricultural production worker employment level was 277,300 in December 1995, a decrease of 17,800 from the November 1995 level of 295,100. The year-over change from December 1994 was an increase of 14,600. (Table 1-B.)

Earnings for California agricultural production workers averaged \$266.64 per week in December 1995. Regional averages ranged from a low of \$258.33 in the San Joaquin Valley region to a high of \$284.43 in the Central Coast region. (Tables 1-C through 7-C.)

The hours worked per week in California agriculture averaged 38.7 in December 1995, 1.8 hours less than the November 1995 level of 40.5. The region with the shortest workweek was the Central Coast region with 36.7 hours. The longest workweek was in the South Coast region with 41.0 hours. (Tables 1-D through 7-D.)

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### Average Hourly Earnings of Production Workers For December 1995

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	\$6.89	\$6.59	\$6.79	\$7.75	\$6.69	\$6.79	\$7.27
Total Crops	6.85	6.62	6.71	7.57	6.28	6.81	7.08
Total Livestock	7.51	7.42	7.50	7.57	7.60	6.59	7.16
Total Services	6.78	6.38	6.87	8.04	6.69	6.82	8.96

Source: Tables 1-E through 7-E.

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## **DATA SOURCES:**

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

## **DATA COMMENTS:**

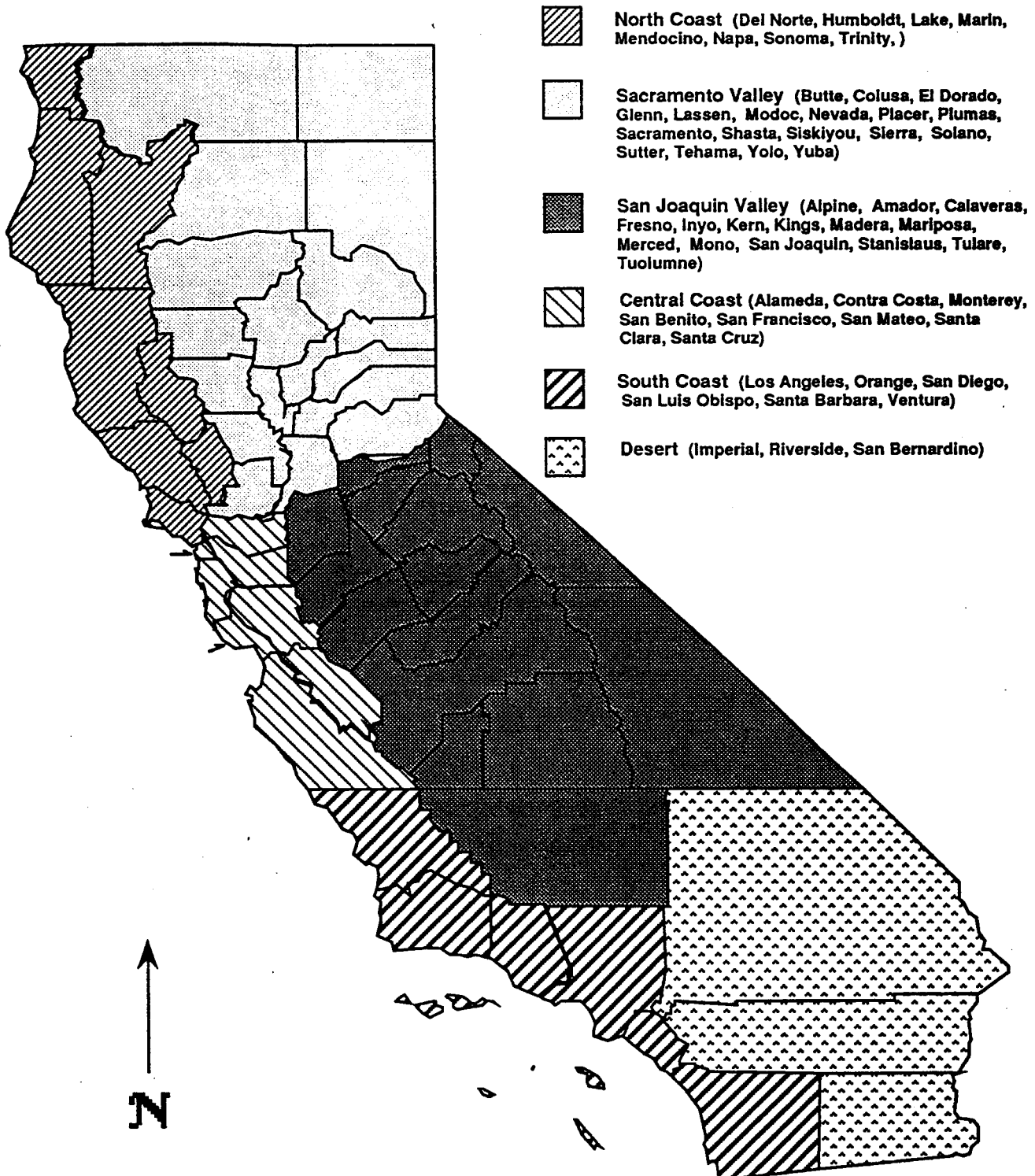
**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.**

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: ***Current Economic Statistics Group, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2572.***

**CES-AG REPORTING REGIONS**  
**LABOR MARKET INFORMATION DIVISION**  
**EMPLOYMENT DEVELOPMENT DEPARTMENT**



# CALIFORNIA

## Wage and Salary Employment in Agricultural Establishments

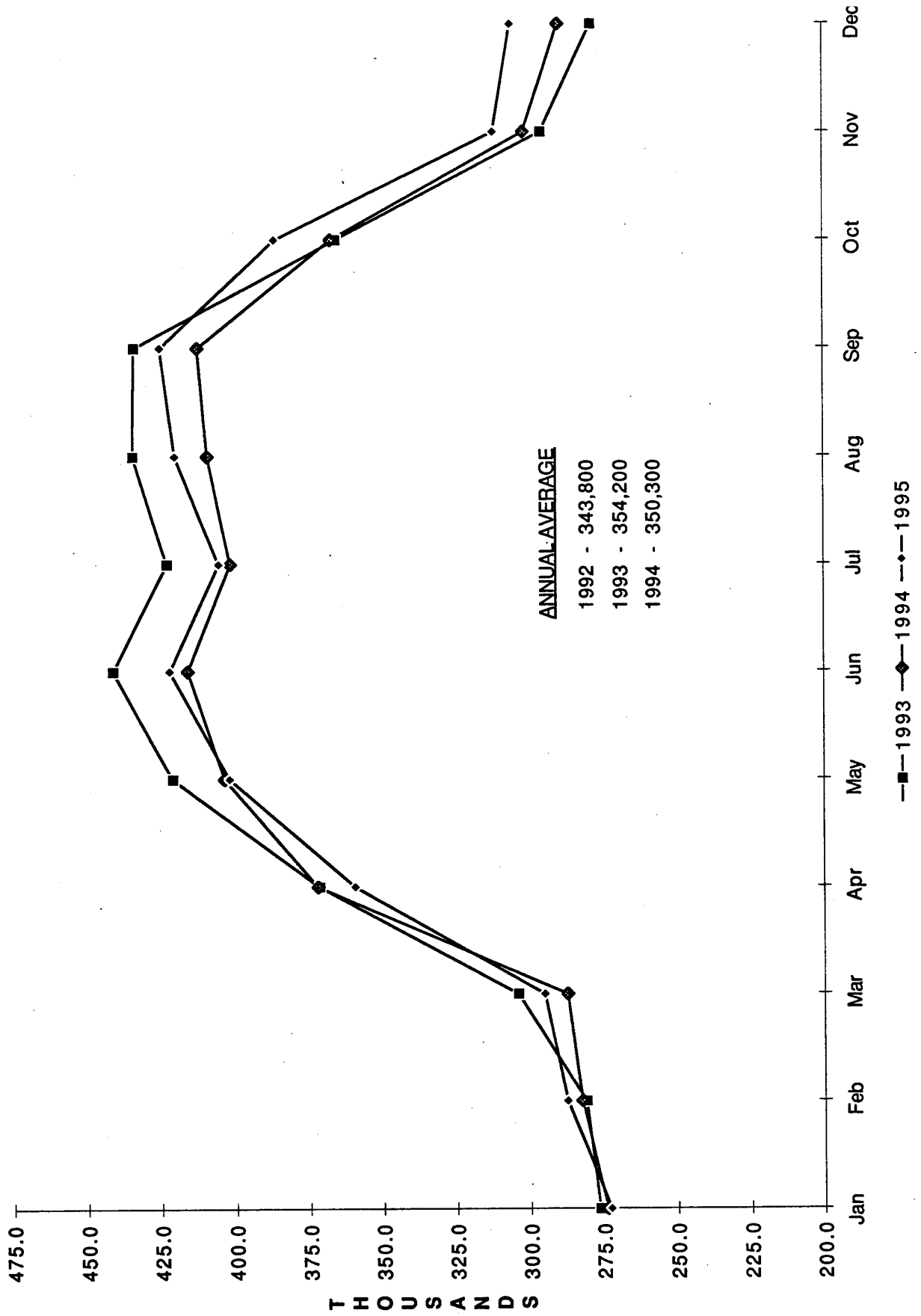


TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	305.9	323.9	289.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	159.2	177.7	153.0
CASH GRAINS	2.2	2.6	2.4
RICE	1.0	1.3	1.2
OTHER CASH GRAINS	1.2	1.3	1.2
FIELD CROPS EXCEPT CASH GRAINS	10.0	11.4	11.7
COTTON	6.0	7.1	6.5
OTHER FIELD CROPS	4.0	4.3	5.2
VEGETABLES AND MELONS	23.8	31.8	23.8
TOTAL FRUITS AND TREE NUTS	66.5	73.7	59.1
BERRIES	6.0	11.8	5.3
GRAPES	24.0	22.3	21.0
TREE NUTS	7.2	8.1	7.1
CITRUS FRUITS	5.3	5.5	4.8
DECIDUOUS TREE FRUIT	11.5	10.8	12.6
OTHER FRUITS AND NUTS	12.5	15.2	8.3
TOTAL HORTICULTURAL SPECIALTIES	33.1	32.7	32.2
ORNAMENTAL FLORAL & NURSERY	30.1	29.7	29.0
FOOD CROPS GROWN UNDER COVER	3.0	3.0	3.2
GENERAL FARM PRIMARILY CROP	23.6	25.5	23.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.2	24.8	25.1
BEEF CATTLE FEED LOTS	0.4	0.4	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.9	3.9	3.5
DAIRY FARMS	12.6	12.5	12.8
CHICKEN EGGS	2.7	2.6	2.7
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.6	4.4	4.4
TOTAL AGRICULTURAL SERVICES	121.5	121.4	111.6
SOIL PREPARATION SERVICES	1.1	1.2	1.1
CROP SERVICES	41.6	44.5	38.4
PLANT CULTIVATE & PROTECTION	4.2	4.4	4.8
HARVEST PRIMARILY BY MACHINE	5.2	5.2	5.5
PREPARATION SVCS FOR MARKET	30.6	32.8	26.6
COTTON GINNING	1.6	2.1	1.5
TOTAL FARM LABOR & MANAGEMENT	78.8	75.7	72.1
FARM LABOR CONTRACTORS	72.1	69.1	64.2
FARM MANAGEMENT SERVICES	6.7	6.6	7.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	277.3	295.1	262.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	140.6	158.9	135.6
CASH GRAINS	1.8	2.2	1.9
RICE	0.8	1.1	0.9
OTHER CASH GRAINS	1.0	1.1	1.0
FIELD CROPS EXCEPT CASH GRAINS	8.9	10.3	10.5
COTTON	5.4	6.5	5.9
OTHER FIELD CROPS	3.5	3.8	4.6
VEGETABLES AND MELONS	21.1	28.9	21.1
TOTAL FRUITS AND TREE NUTS	60.2	67.4	54.1
BERRIES	5.7	11.5	5.0
GRAPES	21.2	19.5	19.0
TREE NUTS	6.5	7.3	6.6
CITRUS FRUITS	4.6	4.9	4.2
DECIDUOUS TREE FRUIT	10.5	9.9	11.5
OTHER FRUITS AND NUTS	11.7	14.3	7.8
TOTAL HORTICULTURAL SPECIALTIES	27.2	26.8	26.4
ORNAMENTAL FLORAL & NURSERY	24.6	24.2	23.5
FOOD CROPS GROWN UNDER COVER	2.6	2.6	2.9
GENERAL FARM PRIMARILY CROP	21.4	23.3	21.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.5	22.3	22.4
BEEF CATTLE FEED LOTS	0.3	0.3	0.5
BEEF CATTLE EXCEPT FEED LOTS	3.3	3.3	3.0
DAIRY FARMS	11.9	11.8	12.1
CHICKEN EGGS	2.1	2.0	2.0
TURKEYS & TURKEY EGGS	0.8	0.9	0.8
OTHER LIVESTOCK	4.1	4.0	4.0
TOTAL AGRICULTURAL SERVICES	114.2	113.9	104.7
SOIL PREPARATION SERVICES	0.8	0.9	0.8
CROP SERVICES	36.6	39.4	33.9
PLANT CULTIVATE & PROTECTION	3.5	3.7	3.9
HARVEST PRIMARILY BY MACHINE	4.8	4.8	5.1
PREPARATION SVCS FOR MARKET	26.9	29.1	23.7
COTTON GINNING	1.4	1.8	1.2
TOTAL FARM LABOR & MANAGEMENT	76.8	73.6	70.0
FARM LABOR CONTRACTORS	70.7	67.6	62.7
FARM MANAGEMENT SERVICES	6.1	6.0	7.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	266.64	277.02	276.00
TOTAL AGRICULTURAL PRODUCTION/CROPS	277.43	295.31	283.98
CASH GRAINS	336.92	341.76	379.62
RICE	325.80	333.41	368.16
OTHER CASH GRAINS	345.42	350.66	390.40
FIELD CROPS EXCEPT CASH GRAINS	313.50	393.21	327.83
COTTON	292.82	417.69	337.24
OTHER FIELD CROPS	346.06	351.90	315.79
VEGETABLES AND MELONS	319.46	357.44	317.24
TOTAL FRUITS AND TREE NUTS	249.86	248.57	257.26
BERRIES	200.80	208.62	208.56
GRAPES	269.80	274.89	279.45
TREE NUTS	257.18	264.05	253.13
CITRUS FRUITS	261.73	258.63	261.00
DECIDUOUS TREE FRUIT	232.33	234.74	240.40
OTHER FRUITS AND NUTS	244.09	241.88	261.43
TOTAL HORTICULTURAL SPECIALTIES	296.23	298.35	294.98
ORNAMENTAL FLORAL & NURSERY	287.32	288.96	285.08
FOOD CROPS GROWN UNDER COVER	377.81	387.94	377.66
GENERAL FARM PRIMARILY CROP	272.25	301.14	274.56
TOTAL AGRIC PRODUCTION/LIVESTOCK	350.72	348.18	361.98
BEEF CATTLE FEED LOTS	356.70	354.08	358.61
BEEF CATTLE EXCEPT FEED LOTS	332.59	334.90	333.21
DAIRY FARMS	366.40	362.07	382.19
CHICKEN EGGS	316.54	315.03	345.28
TURKEYS & TURKEY EGGS	391.73	383.79	390.34
OTHER LIVESTOCK	329.24	329.24	325.25
TOTAL AGRICULTURAL SERVICES	235.94	238.28	247.65
SOIL PREPARATION SERVICES	609.16	583.20	571.64
CROP SERVICES	280.70	295.32	285.77
PLANT CULTIVATE & PROTECTION	334.05	351.14	384.72
HARVEST PRIMARILY BY MACHINE	235.77	247.54	222.16
PREPARATION SVCS FOR MARKET	275.28	287.20	276.53
COTTON GINNING	411.24	431.68	403.26
TOTAL FARM LABOR & MANAGEMENT	210.90	203.49	225.75
FARM LABOR CONTRACTORS	204.14	194.36	218.04
FARM MANAGEMENT SERVICES	294.52	299.88	294.57

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 1-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN HOURS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	38.7	40.5	40.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.5	43.3	41.7
CASH GRAINS	46.6	48.0	54.7
RICE	42.7	45.3	48.0
OTHER CASH GRAINS	49.7	50.6	61.0
FIELD CROPS EXCEPT CASH GRAINS	45.9	58.6	46.7
COTTON	44.3	63.0	47.1
OTHER FIELD CROPS	48.4	51.0	46.1
VEGETABLES AND MELONS	40.8	46.3	41.2
TOTAL FRUITS AND TREE NUTS	37.8	38.3	39.7
BERRIES	33.3	34.2	33.0
GRAPES	38.0	38.5	41.4
TREE NUTS	40.5	43.5	39.8
CITRUS FRUITS	36.2	37.0	36.1
DECIDUOUS TREE FRUIT	37.9	38.8	40.2
OTHER FRUITS AND NUTS	38.5	38.7	41.3
TOTAL HORTICULTURAL SPECIALTIES	41.9	42.5	42.2
ORNAMENTAL FLORAL & NURSERY	41.4	42.0	41.8
FOOD CROPS GROWN UNDER COVER	46.3	47.6	46.0
GENERAL FARM PRIMARILY CROP	43.7	47.8	42.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.7	47.5	48.2
BEEF CATTLE FEED LOTS	49.2	49.8	49.6
BEEF CATTLE EXCEPT FEED LOTS	42.1	42.5	43.5
DAIRY FARMS	47.4	48.6	49.7
CHICKEN EGGS	47.6	49.3	48.7
TURKEYS & TURKEY EGGS	52.3	50.9	51.7
OTHER LIVESTOCK	46.7	46.7	46.2
TOTAL AGRICULTURAL SERVICES	34.8	35.3	36.1
SOIL PREPARATION SERVICES	62.8	60.0	62.0
CROP SERVICES	38.4	40.4	37.8
PLANT CULTIVATE & PROTECTION	42.5	45.9	42.0
HARVEST PRIMARILY BY MACHINE	30.9	32.7	29.7
PREPARATION SVCS FOR MARKET	38.5	40.0	38.3
COTTON GINNING	53.2	55.7	47.0
TOTAL FARM LABOR & MANAGEMENT	32.8	32.3	35.0
FARM LABOR CONTRACTORS	32.3	31.5	34.5
FARM MANAGEMENT SERVICES	39.8	40.8	39.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	6.89	6.84	6.90
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.85	6.82	6.81
CASH GRAINS	7.23	7.12	6.94
RICE	7.63	7.36	7.67
OTHER CASH GRAINS	6.95	6.93	6.40
FIELD CROPS EXCEPT CASH GRAINS	6.83	6.71	7.02
COTTON	6.61	6.63	7.16
OTHER FIELD CROPS	7.15	6.90	6.85
VEGETABLES AND MELONS	7.83	7.72	7.70
TOTAL FRUITS AND TREE NUTS	6.61	6.49	6.48
BERRIES	6.03	6.10	6.32
GRAPES	7.10	7.14	6.75
TREE NUTS	6.35	6.07	6.36
CITRUS FRUITS	7.23	6.99	7.23
DECIDUOUS TREE FRUIT	6.13	6.05	5.98
OTHER FRUITS AND NUTS	6.34	6.25	6.33
TOTAL HORTICULTURAL SPECIALTIES	7.07	7.02	6.99
ORNAMENTAL FLORAL & NURSERY	6.94	6.88	6.82
FOOD CROPS GROWN UNDER COVER	8.16	8.15	8.21
GENERAL FARM PRIMARILY CROP	6.23	6.30	6.43
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.51	7.33	7.51
BEEF CATTLE FEED LOTS	7.25	7.11	7.23
BEEF CATTLE EXCEPT FEED LOTS	7.90	7.88	7.66
DAIRY FARMS	7.73	7.45	7.69
CHICKEN EGGS	6.65	6.39	7.09
TURKEYS & TURKEY EGGS	7.49	7.54	7.55
OTHER LIVESTOCK	7.05	7.05	7.04
TOTAL AGRICULTURAL SERVICES	6.78	6.75	6.86
SOIL PREPARATION SERVICES	9.70	9.72	9.22
CROP SERVICES	7.31	7.31	7.56
PLANT CULTIVATE & PROTECTION	7.86	7.65	9.16
HARVEST PRIMARILY BY MACHINE	7.63	7.57	7.48
PREPARATION SVCS FOR MARKET	7.15	7.18	7.22
COTTON GINNING	7.73	7.75	8.58
TOTAL FARM LABOR & MANAGEMENT	6.43	6.30	6.45
FARM LABOR CONTRACTORS	6.32	6.17	6.32
FARM MANAGEMENT SERVICES	7.40	7.35	7.42

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# **SAN JOAQUIN** **Wage and Salary Employment in Agricultural Establishments**

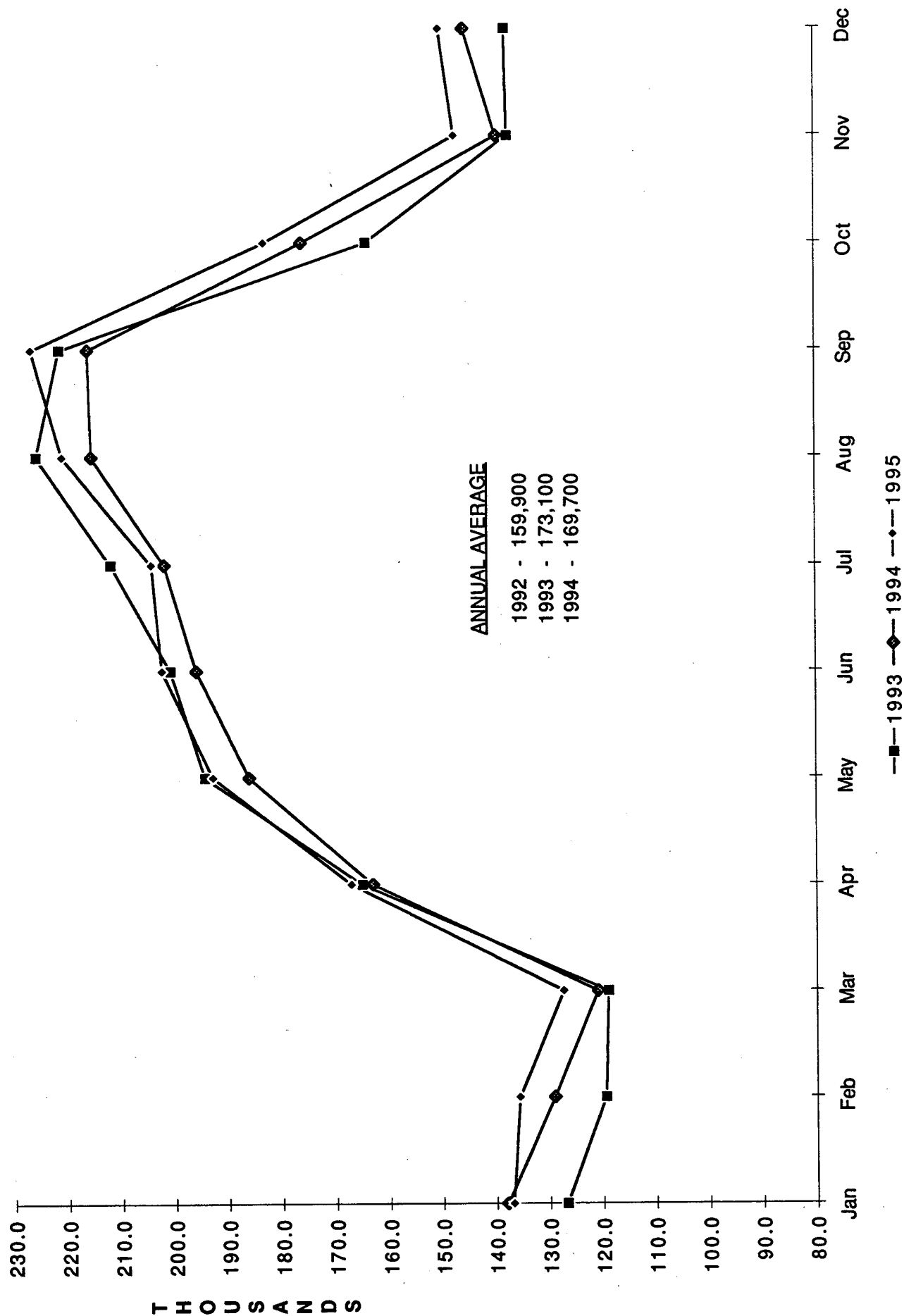


TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	150.1	150.9	145.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	63.0	67.1	63.7
TOTAL FIELD CROPS	8.2	9.6	10.0
COTTON	5.8	6.8	6.6
OTHER FIELD CROPS	2.4	2.8	3.4
VEGETABLES AND MELONS	3.3	5.3	3.1
TOTAL FRUITS AND TREE NUTS	33.4	34.5	32.0
GRAPES	15.0	15.3	13.6
TREE NUTS	5.2	6.0	4.7
CITRUS FRUITS	2.3	2.4	2.0
DECIDUOUS TREE FRUIT	7.1	6.1	6.6
OTHER FRUITS AND NUTS	3.8	4.7	5.1
HORTICULTURAL SPECIALTIES	4.7	3.8	4.8
GENERAL FARM PRIMARILY CROP	13.4	13.9	13.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.8	13.8	13.1
BEEF CATTLE FEED LOTS	0.3	0.3	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.3
DAIRY FARMS	9.1	9.2	8.2
POULTRY & EGGS	2.1	2.0	2.2
OTHER LIVESTOCK	1.1	1.1	1.2
TOTAL AGRICULTURAL SERVICES	73.3	70.0	68.7
CROP SERVICES	22.6	24.7	23.0
PLANT CULTIVATE & PROTECTION	3.5	4.0	3.7
HARVEST PRIMARILY BY MACHINE	1.6	1.7	2.3
PREPARATION SVCS FOR MARKET	15.9	17.0	15.5
COTTON GINNING	1.6	2.0	1.5
TOTAL FARM LABOR & MANAGEMENT	50.7	45.3	45.7
FARM LABOR CONTRACTORS	47.2	41.7	41.3
FARM MANAGEMENT SERVICES	3.5	3.6	4.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	138.6	139.3	134.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	56.7	60.9	57.7
TOTAL FIELD CROPS	7.2	8.6	8.9
COTTON	5.2	6.1	6.0
OTHER FIELD CROPS	2.0	2.5	2.9
VEGETABLES AND MELONS	2.8	4.8	2.7
TOTAL FRUITS AND TREE NUTS	30.9	32.2	29.9
GRAPES	13.9	14.3	12.8
TREE NUTS	4.8	5.6	4.3
CITRUS FRUITS	2.1	2.2	1.8
DECIDUOUS TREE FRUIT	6.6	5.6	6.2
OTHER FRUITS AND NUTS	3.5	4.5	4.8
HORTICULTURAL SPECIALTIES	3.7	2.7	3.6
GENERAL FARM PRIMARILY CROP	12.1	12.6	12.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.7	12.7	11.9
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.0	1.1
DAIRY FARMS	8.5	8.6	7.6
POULTRY & EGGS	1.9	1.9	1.9
OTHER LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	69.2	65.7	64.9
CROP SERVICES	19.9	21.8	20.2
PLANT CULTIVATE & PROTECTION	2.9	3.4	3.1
HARVEST PRIMARILY BY MACHINE	1.4	1.5	1.9
PREPARATION SVCS FOR MARKET	14.2	15.1	13.9
COTTON GINNING	1.4	1.8	1.3
TOTAL FARM LABOR & MANAGEMENT	49.3	43.9	44.7
FARM LABOR CONTRACTORS	46.2	40.7	40.5
FARM MANAGEMENT SERVICES	3.1	3.2	4.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	258.33	275.15	272.08
TOTAL AGRICULTURAL PRODUCTION/CROPS	272.08	293.93	279.26
TOTAL FIELD CROPS	341.50	404.53	332.72
COTTON	347.01	410.76	332.69
OTHER FIELD CROPS	328.74	389.77	332.76
VEGETABLES AND MELONS	293.57	323.95	288.10
TOTAL FRUITS AND TREE NUTS	246.56	257.28	258.85
GRAPES	255.25	262.71	272.24
TREE NUTS	240.24	266.30	252.85
CITRUS FRUITS	270.05	295.31	261.80
DECIDUOUS TREE FRUIT	222.47	232.44	236.98
OTHER FRUITS AND NUTS	249.57	245.60	255.78
HORTICULTURAL SPECIALTIES	275.60	302.51	275.92
GENERAL FARM PRIMARILY CROP	291.71	298.48	288.93
TOTAL AGRIC PRODUCTION/LIVESTOCK	346.51	351.29	369.57
BEEF CATTLE FEED LOTS	257.31	355.62	351.23
BEEF CATTLE EXCEPT FEED LOTS	344.79	351.12	373.79
DAIRY FARMS	358.43	356.59	387.87
POULTRY & EGGS	328.02	346.32	343.91
OTHER LIVESTOCK	310.50	315.58	287.06
TOTAL AGRICULTURAL SERVICES	231.59	242.14	247.15
CROP SERVICES	296.74	303.12	279.69
PLANT CULTIVATE & PROTECTION	355.71	380.15	359.74
HARVEST PRIMARILY BY MACHINE	283.72	282.31	288.86
PREPARATION SVCS FOR MARKET	274.69	273.14	252.79
COTTON GINNING	408.14	422.45	368.01
TOTAL FARM LABOR & MANAGEMENT	205.37	212.40	232.71
FARM LABOR CONTRACTORS	199.42	206.36	226.64
FARM MANAGEMENT SERVICES	292.83	290.93	288.06

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	39.2	41.5	41.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.1	44.4	42.7
TOTAL FIELD CROPS	51.9	61.2	46.6
COTTON	53.8	63.0	46.4
OTHER FIELD CROPS	47.3	56.9	47.0
VEGETABLES AND MELONS	43.3	47.5	43.0
TOTAL FRUITS AND TREE NUTS	37.7	39.4	40.7
GRAPES	37.1	37.8	41.5
TREE NUTS	38.5	43.3	38.9
CITRUS FRUITS	38.8	43.3	38.9
DECIDUOUS TREE FRUIT	37.9	39.0	41.0
OTHER FRUITS AND NUTS	37.7	38.8	40.6
HORTICULTURAL SPECIALTIES	36.6	39.7	39.7
GENERAL FARM PRIMARILY CROP	44.4	45.5	45.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.7	47.6	48.5
BEEF CATTLE FEED LOTS	34.4	50.3	47.4
BEEF CATTLE EXCEPT FEED LOTS	40.9	41.8	46.9
DAIRY FARMS	47.6	47.8	49.6
POULTRY & EGGS	46.2	48.1	46.6
OTHER LIVESTOCK	50.0	50.9	46.3
TOTAL AGRICULTURAL SERVICES	36.3	37.6	38.2
CROP SERVICES	41.1	42.1	38.9
PLANT CULTIVATE & PROTECTION	44.8	48.8	44.8
HARVEST PRIMARILY BY MACHINE	31.7	35.6	31.5
PREPARATION SVCS FOR MARKET	40.1	39.7	37.9
COTTON GINNING	52.8	54.3	47.0
TOTAL FARM LABOR & MANAGEMENT	34.4	35.4	37.9
FARM LABOR CONTRACTORS	33.8	34.8	37.4
FARM MANAGEMENT SERVICES	43.0	43.1	42.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	6.59	6.63	6.62
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.62	6.62	6.54
TOTAL FIELD CROPS	6.58	6.61	7.14
COTTON	6.45	6.52	7.17
OTHER FIELD CROPS	6.95	6.85	7.08
VEGETABLES AND MELONS	6.78	6.82	6.70
TOTAL FRUITS AND TREE NUTS	6.54	6.53	6.36
GRAPES	6.88	6.95	6.56
TREE NUTS	6.24	6.15	6.50
CITRUS FRUITS	6.96	6.82	6.73
DECIDUOUS TREE FRUIT	5.87	5.96	5.78
OTHER FRUITS AND NUTS	6.62	6.33	6.30
HORTICULTURAL SPECIALTIES	7.53	7.62	6.95
GENERAL FARM PRIMARILY CROP	6.57	6.56	6.35
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.42	7.38	7.62
BEEF CATTLE FEED LOTS	7.48	7.07	7.41
BEEF CATTLE EXCEPT FEED LOTS	8.43	8.40	7.97
DAIRY FARMS	7.53	7.46	7.82
POULTRY & EGGS	7.10	7.20	7.38
OTHER LIVESTOCK	6.21	6.20	6.20
TOTAL AGRICULTURAL SERVICES	6.38	6.44	6.47
CROP SERVICES	7.22	7.20	7.19
PLANT CULTIVATE & PROTECTION	7.94	7.79	8.03
HARVEST PRIMARILY BY MACHINE	8.95	7.93	9.17
PREPARATION SVCS FOR MARKET	6.85	6.88	6.67
COTTON GINNING	7.73	7.78	7.83
TOTAL FARM LABOR & MANAGEMENT	5.97	6.00	6.14
FARM LABOR CONTRACTORS	5.90	5.93	6.06
FARM MANAGEMENT SERVICES	6.81	6.75	6.81

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# **SOUTH COAST** **Wage and Salary Employment in Agricultural Establishments**

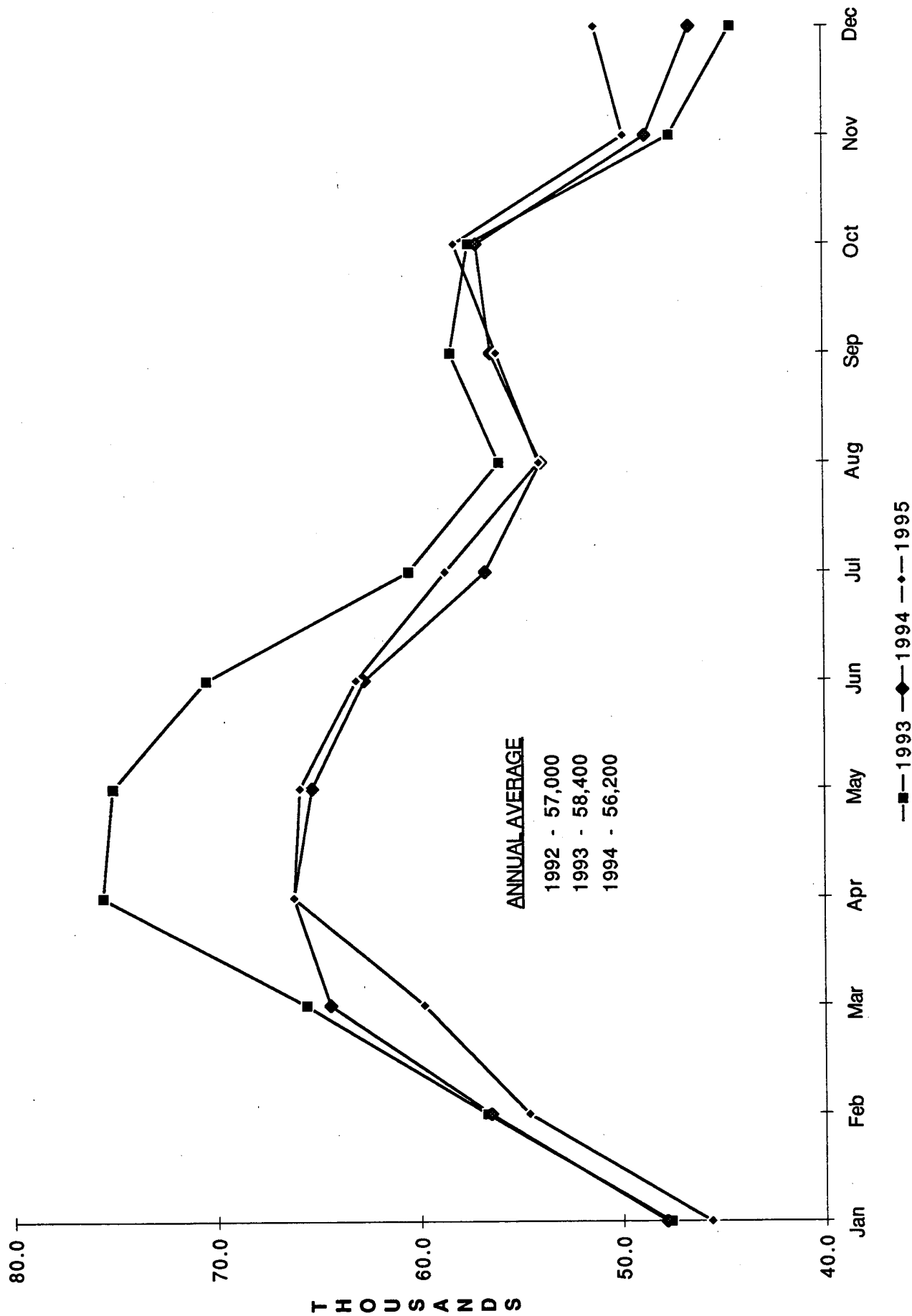


TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	51.2	53.1	46.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	33.8	36.7	33.5
VEGETABLES AND MELONS	7.9	9.0	8.0
TOTAL FRUITS AND TREE NUTS	7.8	8.3	6.3
BERRIES	3.4	3.9	2.2
CITRUS FRUITS	1.8	1.7	1.8
OTHER FRUITS AND NUTS	2.6	2.7	2.3
TOTAL HORTICULTURAL SPECIALTIES	14.8	15.1	14.5
ORNAMENTAL FLORAL & NURSERY	14.1	14.4	13.7
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.8
GENERAL FARM PRIMARILY CROP	3.3	4.3	4.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	2.0
TOTAL AGRICULTURAL SERVICES	15.4	14.4	11.0
CROP SERVICES	3.7	3.9	3.6
HARVEST PRIMARILY BY MACHINE	1.4	1.5	1.7
PREPARATION SVCS FOR MARKET	2.3	2.4	1.9
TOTAL FARM LABOR & MANAGEMENT	11.7	10.5	7.4
FARM LABOR CONTRACTORS	10.4	9.2	6.0
FARM MANAGEMENT SERVICES	1.3	1.3	1.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	45.3	47.1	40.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	29.1	31.9	28.8
VEGETABLES AND MELONS	7.2	8.3	7.2
TOTAL FRUITS AND TREE NUTS	7.1	7.5	5.5
BERRIES	3.2	3.7	2.0
CITRUS FRUITS	1.4	1.2	1.4
OTHER FRUITS AND NUTS	2.5	2.6	2.1
TOTAL HORTICULTURAL SPECIALTIES	12.0	12.3	11.7
ORNAMENTAL FLORAL & NURSERY	11.4	11.7	11.0
FOOD CROPS GROWN UNDER COVER	0.6	0.6	0.7
GENERAL FARM PRIMARILY CROP	2.8	3.8	4.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	14.5	13.5	10.2
CROP SERVICES	3.4	3.6	3.4
HARVEST PRIMARILY BY MACHINE	1.3	1.4	1.6
PREPARATION SVCS FOR MARKET	2.1	2.2	1.8
TOTAL FARM LABOR & MANAGEMENT	11.1	9.9	6.8
FARM LABOR CONTRACTORS	10.0	8.8	5.6
FARM MANAGEMENT SERVICES	1.1	1.1	1.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	278.39	278.56	290.93
TOTAL AGRICULTURAL PRODUCTION/CROPS	289.20	284.93	300.03
VEGETABLES AND MELONS	322.07	297.26	328.70
TOTAL FRUITS AND TREE NUTS	243.13	247.38	251.46
BERRIES	210.29	224.07	241.04
CITRUS FRUITS	277.68	280.09	263.85
OTHER FRUITS AND NUTS	266.46	265.43	253.84
TOTAL HORTICULTURAL SPECIALTIES	295.81	296.31	306.44
ORNAMENTAL FLORAL & NURSERY	289.92	292.19	293.37
FOOD CROPS GROWN UNDER COVER	405.33	373.77	507.02
GENERAL FARM PRIMARILY CROP	294.29	294.55	294.13
TOTAL AGRIC PRODUCTION/LIVESTOCK	324.00	326.16	328.43
TOTAL AGRICULTURAL SERVICES	250.07	255.99	259.56
CROP SERVICES	282.59	282.41	291.83
HARVEST PRIMARILY BY MACHINE	213.10	240.35	206.25
PREPARATION SVCS FOR MARKET	326.34	308.51	367.07
TOTAL FARM LABOR & MANAGEMENT	239.58	246.09	242.90
FARM LABOR CONTRACTORS	233.54	239.20	218.78
FARM MANAGEMENT SERVICES	300.24	303.29	353.15

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	41.0	41.7	41.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.1	43.5	43.8
VEGETABLES AND MELONS	43.7	44.5	44.6
TOTAL FRUITS AND TREE NUTS	38.9	39.9	38.1
BERRIES	36.7	38.5	38.2
CITRUS FRUITS	39.0	40.3	35.8
OTHER FRUITS AND NUTS	41.7	41.8	39.6
TOTAL HORTICULTURAL SPECIALTIES	45.3	45.1	46.5
ORNAMENTAL FLORAL & NURSERY	45.3	45.3	46.2
FOOD CROPS GROWN UNDER COVER	45.8	41.3	50.2
GENERAL FARM PRIMARILY CROP	42.9	43.0	42.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.2	43.2	43.5
TOTAL AGRICULTURAL SERVICES	36.4	37.1	36.0
CROP SERVICES	36.7	36.3	37.9
HARVEST PRIMARILY BY MACHINE	28.3	31.5	27.5
PREPARATION SVCS FOR MARKET	42.0	39.3	47.0
TOTAL FARM LABOR & MANAGEMENT	36.3	37.4	35.0
FARM LABOR CONTRACTORS	35.6	36.8	31.8
FARM MANAGEMENT SERVICES	43.2	42.3	49.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	6.79	6.68	6.96
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.71	6.55	6.85
VEGETABLES AND MELONS	7.37	6.68	7.37
TOTAL FRUITS AND TREE NUTS	6.25	6.20	6.60
BERRIES	5.73	5.82	6.31
CITRUS FRUITS	7.12	6.95	7.37
OTHER FRUITS AND NUTS	6.39	6.35	6.41
TOTAL HORTICULTURAL SPECIALTIES	6.53	6.57	6.59
ORNAMENTAL FLORAL & NURSERY	6.40	6.45	6.35
FOOD CROPS GROWN UNDER COVER	8.85	9.05	10.10
GENERAL FARM PRIMARILY CROP	6.86	6.85	6.97
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.50	7.55	7.55
TOTAL AGRICULTURAL SERVICES	6.87	6.90	7.21
CROP SERVICES	7.70	7.78	7.70
HARVEST PRIMARILY BY MACHINE	7.53	7.63	7.50
PREPARATION SVCS FOR MARKET	7.77	7.85	7.81
TOTAL FARM LABOR & MANAGEMENT	6.60	6.58	6.94
FARM LABOR CONTRACTORS	6.56	6.50	6.88
FARM MANAGEMENT SERVICES	6.95	7.17	7.12

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# CENTRAL COAST

## Wage and Salary Employment in Agricultural Establishments

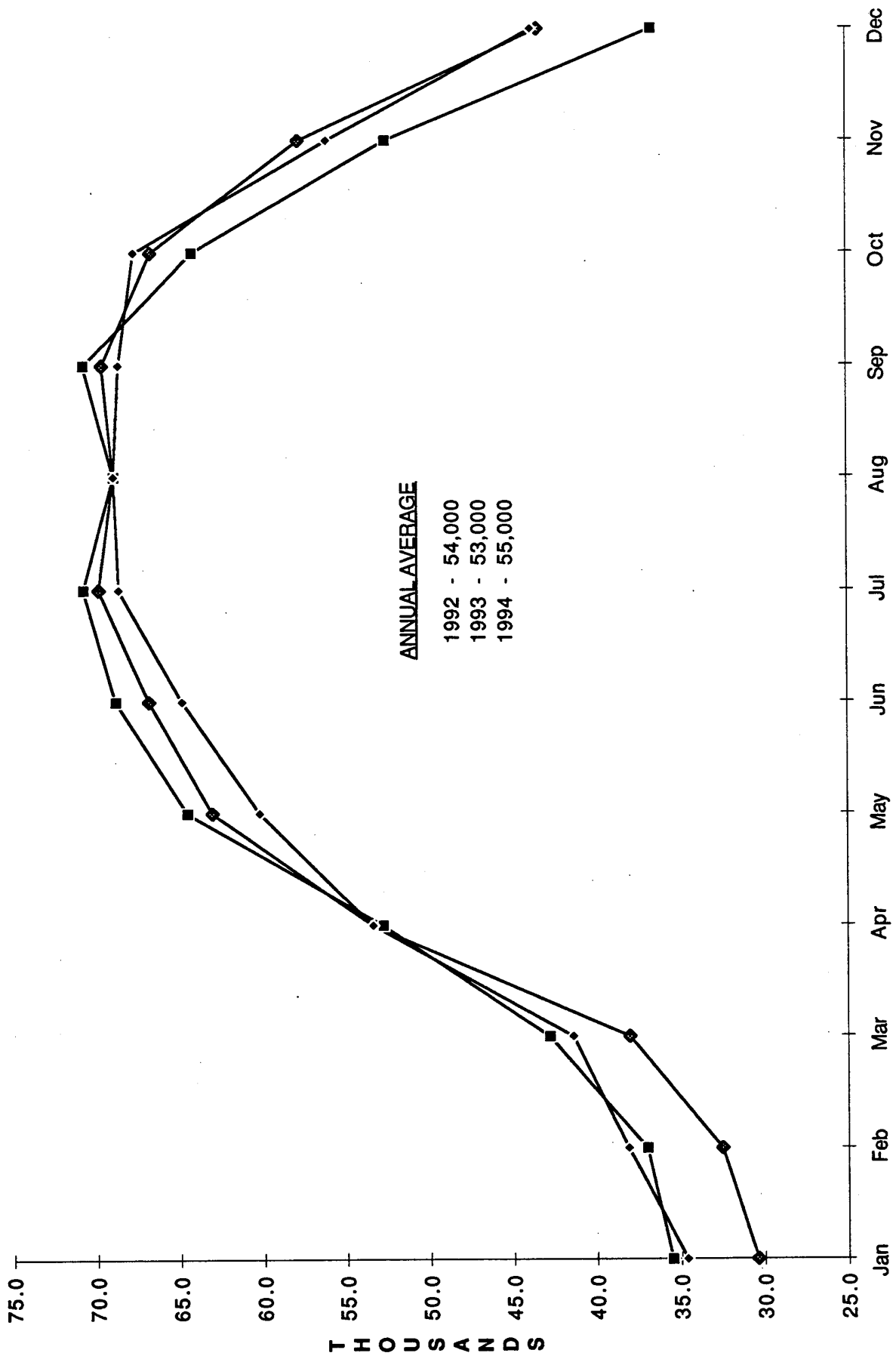


TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	43.8	55.0	43.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	25.2	34.6	28.3
VEGETABLES AND MELONS	7.8	11.7	8.7
TOTAL FRUITS AND TREE NUTS	5.8	9.8	7.4
BERRIES	3.5	7.4	4.9
DECIDUOUS TREE FRUIT	1.1	1.1	1.3
OTHER FRUITS AND NUTS	1.2	1.3	1.2
TOTAL HORTICULTURAL SPECIALTIES	9.5	10.3	9.5
ORNAMENTAL FLORAL & NURSERY	7.3	8.1	7.4
FOOD CROPS GROWN UNDER COVER	2.2	2.2	2.1
GENERAL FARM PRIMARILY CROP	2.1	2.8	2.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.2	1.2	1.1
TOTAL AGRICULTURAL SERVICES	17.4	19.2	14.0
CROP SERVICES	9.7	10.4	6.8
HARVEST PRIMARILY BY MACHINE	2.9	2.8	1.4
PREPARATION SVCS FOR MARKET	6.8	7.6	5.4
TOTAL FARM LABOR & MANAGEMENT	7.7	8.8	7.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.



TABLE 4-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	39.5	50.5	38.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.0	31.1	24.7
VEGETABLES AND MELONS	6.9	10.6	7.7
TOTAL FRUITS AND TREE NUTS	5.5	9.4	6.9
BERRIES	3.4	7.3	4.7
DECIDUOUS TREE FRUIT	1.0	1.0	1.1
OTHER FRUITS AND NUTS	1.1	1.1	1.1
TOTAL HORTICULTURAL SPECIALTIES	7.8	8.6	7.8
ORNAMENTAL FLORAL & NURSERY	5.9	6.7	6.0
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.8
GENERAL FARM PRIMARILY CROP	1.8	2.5	2.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.9	0.9	0.8
TOTAL AGRICULTURAL SERVICES	16.6	18.5	13.3
CROP SERVICES	9.0	9.8	6.2
HARVEST PRIMARILY BY MACHINE	2.8	2.7	1.3
PREPARATION SVCS FOR MARKET	6.2	7.1	4.9
TOTAL FARM LABOR & MANAGEMENT	7.6	8.7	7.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	284.43	310.59	275.91
TOTAL AGRICULTURAL PRODUCTION/CROPS	292.20	319.07	284.87
VEGETABLES AND MELONS	316.80	394.00	308.83
TOTAL FRUITS AND TREE NUTS	191.13	208.64	187.01
BERRIES	165.75	198.75	161.60
DECIDUOUS TREE FRUIT	250.58	288.46	229.74
OTHER FRUITS AND NUTS	213.95	201.73	253.50
TOTAL HORTICULTURAL SPECIALTIES	329.06	329.96	334.51
ORNAMENTAL FLORAL & NURSERY	310.89	305.72	312.40
FOOD CROPS GROWN UNDER COVER	386.51	412.30	407.15
GENERAL FARM PRIMARILY CROP	343.24	373.46	333.26
TOTAL AGRIC PRODUCTION/LIVESTOCK	321.73	330.57	290.77
TOTAL AGRICULTURAL SERVICES	272.56	296.06	257.44
CROP SERVICES	325.12	354.69	312.86
HARVEST PRIMARILY BY MACHINE	328.45	352.90	282.34
PREPARATION SVCS FOR MARKET	323.75	355.85	321.40
TOTAL FARM LABOR & MANAGEMENT	211.58	231.90	209.04

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	36.7	40.6	36.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.6	42.6	38.6
VEGETABLES AND MELONS	38.4	47.7	37.8
TOTAL FRUITS AND TREE NUTS	27.5	32.0	27.3
BERRIES	25.5	31.8	24.9
DECIDUOUS TREE FRUIT	34.0	40.8	31.3
OTHER FRUITS AND NUTS	27.5	25.6	33.8
TOTAL HORTICULTURAL SPECIALTIES	43.7	45.2	44.9
ORNAMENTAL FLORAL & NURSERY	43.3	44.5	44.0
FOOD CROPS GROWN UNDER COVER	45.1	47.5	47.9
GENERAL FARM PRIMARILY CROP	50.7	51.3	54.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	42.5	43.9	36.9
TOTAL AGRICULTURAL SERVICES	33.9	37.1	32.1
CROP SERVICES	39.6	41.1	38.2
HARVEST PRIMARILY BY MACHINE	40.7	43.3	34.9
PREPARATION SVCS FOR MARKET	39.1	40.3	39.1
TOTAL FARM LABOR & MANAGEMENT	27.3	32.8	26.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	7.75	7.65	7.58
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.57	7.49	7.38
VEGETABLES AND MELONS	8.25	8.26	8.17
TOTAL FRUITS AND TREE NUTS	6.95	6.52	6.85
BERRIES	6.50	6.25	6.49
DECIDUOUS TREE FRUIT	7.37	7.07	7.34
OTHER FRUITS AND NUTS	7.78	7.88	7.50
TOTAL HORTICULTURAL SPECIALTIES	7.53	7.30	7.45
ORNAMENTAL FLORAL & NURSERY	7.18	6.87	7.10
FOOD CROPS GROWN UNDER COVER	8.57	8.68	8.50
GENERAL FARM PRIMARILY CROP	6.77	7.28	6.16
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.57	7.53	7.88
TOTAL AGRICULTURAL SERVICES	8.04	7.98	8.02
CROP SERVICES	8.21	8.63	8.19
HARVEST PRIMARILY BY MACHINE	8.07	8.15	8.09
PREPARATION SVCS FOR MARKET	8.28	8.83	8.22
TOTAL FARM LABOR & MANAGEMENT	7.75	7.07	7.80

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

## DESERT

### Wage and Salary Employment in Agricultural Establishments

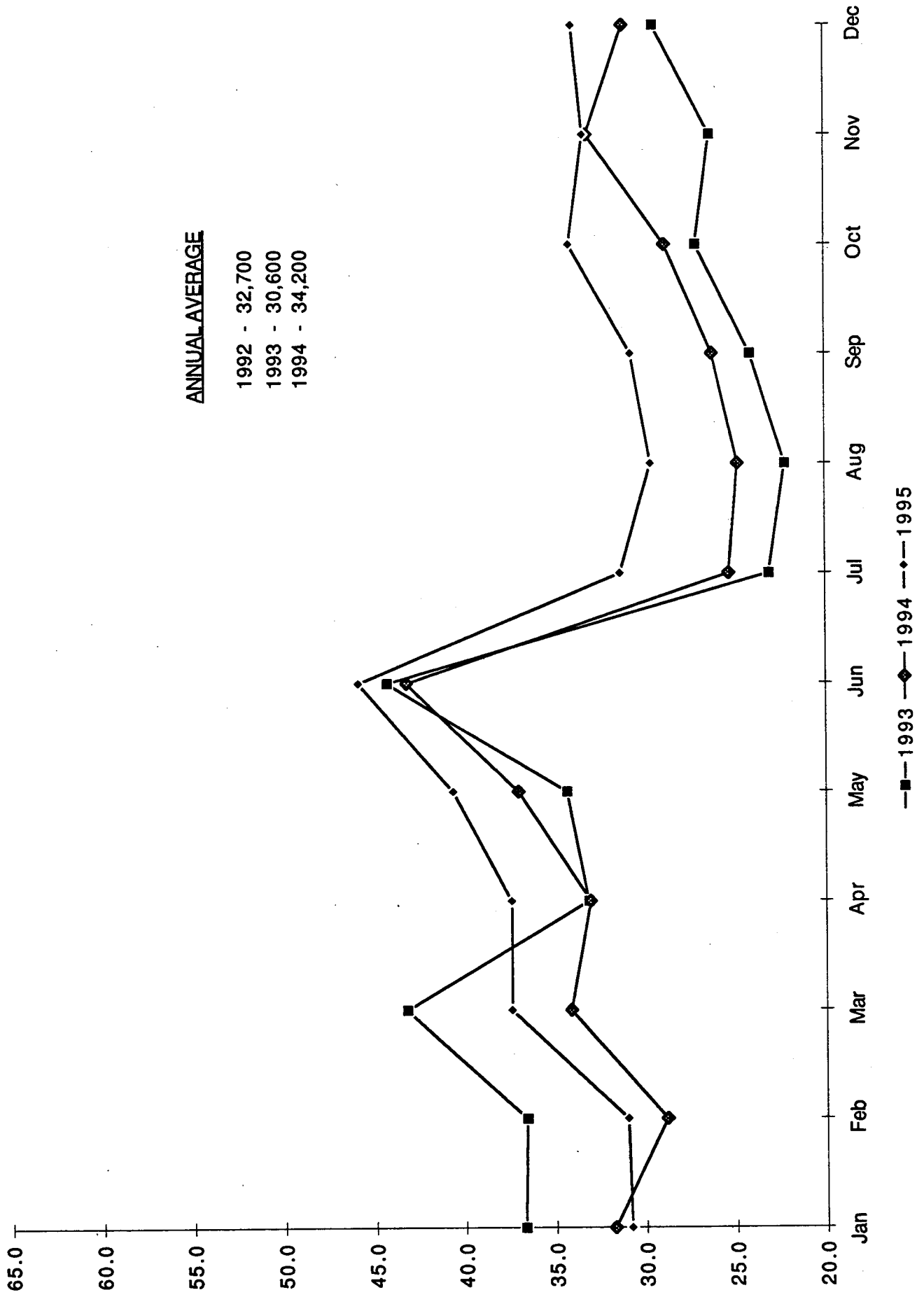


TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	33.9	30.7	31.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	15.1	12.9	16.2
FIELD CROPS	1.5	1.5	1.7
VEGETABLES AND MELONS	4.2	3.4	4.2
TOTAL FRUITS AND TREE NUTS	5.0	4.3	5.4
GRAPES	2.8	1.8	3.3
CITRUS FRUITS	1.1	1.3	0.7
OTHER FRUITS AND NUTS	1.1	1.2	1.4
HORTICULTURAL SPECIALTIES	1.1	1.1	1.2
GENERAL FARM PRIMARILY CROP	3.3	2.6	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.0	5.0	5.0
DAIRY FARMS	1.1	1.1	1.0
CHICKEN EGGS	0.8	0.8	0.7
OTHER LIVESTOCK	3.1	3.1	3.3
TOTAL AGRICULTURAL SERVICES	13.8	12.8	9.9
CROP SERVICES	5.0	4.2	5.5
PLANT CULTIVATE & PROTECTION	0.9	0.9	0.8
HARVEST PRIMARILY BY MACHINE	1.6	1.1	1.2
PREPARATION SVCS FOR MARKET	2.5	2.2	3.5
TOTAL FARM LABOR & MANAGEMENT	8.8	8.6	4.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	29.1	28.5	28.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.7	11.9	14.9
FIELD CROPS	1.4	1.3	1.5
VEGETABLES AND MELONS	3.9	3.2	3.8
TOTAL FRUITS AND TREE NUTS	2.4	4.1	5.2
GRAPES	0.3	1.7	3.2
CITRUS FRUITS	1.1	1.3	0.7
OTHER FRUITS AND NUTS	1.0	1.1	1.3
HORTICULTURAL SPECIALTIES	1.0	0.9	1.1
GENERAL FARM PRIMARILY CROP	3.0	2.4	3.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.5	4.6	4.3
DAIRY FARMS	1.0	1.1	0.9
CHICKEN EGGS	0.6	0.6	0.5
OTHER LIVESTOCK	2.9	2.9	2.9
TOTAL AGRICULTURAL SERVICES	12.9	12.0	9.1
CROP SERVICES	4.4	3.7	4.8
PLANT CULTIVATE & PROTECTION	0.7	0.7	0.6
HARVEST PRIMARILY BY MACHINE	1.5	1.0	1.1
PREPARATION SVCS FOR MARKET	2.2	2.0	3.1
TOTAL FARM LABOR & MANAGEMENT	8.5	8.3	4.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	40.4	39.3	41.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.7	43.4	42.3
FIELD CROPS	41.6	43.2	45.8
VEGETABLES AND MELONS	39.3	39.4	42.6
TOTAL FRUITS AND TREE NUTS	38.8	43.7	41.8
GRAPES	43.3	51.7	42.9
CITRUS FRUITS	36.9	35.8	38.9
OTHER FRUITS AND NUTS	39.5	40.3	40.8
HORTICULTURAL SPECIALTIES	43.3	34.4	44.0
GENERAL FARM PRIMARILY CROP	50.4	52.0	40.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.0	48.9	50.6
DAIRY FARMS	49.6	50.2	49.3
CHICKEN EGGS	48.0	52.0	49.2
OTHER LIVESTOCK	50.5	47.8	51.4
TOTAL AGRICULTURAL SERVICES	35.0	31.5	35.3
CROP SERVICES	38.7	41.2	36.4
PLANT CULTIVATE & PROTECTION	46.6	43.8	40.0
HARVEST PRIMARILY BY MACHINE	31.9	30.5	26.1
PREPARATION SVCS FOR MARKET	40.9	45.9	39.4
TOTAL FARM LABOR & MANAGEMENT	33.0	27.3	34.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.



TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	40.4	39.3	41.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.7	43.4	42.3
FIELD CROPS	41.6	43.2	45.8
VEGETABLES AND MELONS	39.3	39.4	42.6
TOTAL FRUITS AND TREE NUTS	38.8	43.7	41.8
GRAPES	43.3	51.7	42.9
CITRUS FRUITS	36.9	35.8	38.9
OTHER FRUITS AND NUTS	39.5	40.3	40.8
HORTICULTURAL SPECIALTIES	43.3	34.4	44.0
GENERAL FARM PRIMARILY CROP	50.4	52.0	40.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.0	48.9	50.6
DAIRY FARMS	49.6	50.2	49.3
CHICKEN EGGS	48.0	52.0	49.2
OTHER LIVESTOCK	50.5	47.8	51.4
TOTAL AGRICULTURAL SERVICES	35.0	31.5	35.3
CROP SERVICES	38.7	41.2	36.4
PLANT CULTIVATE & PROTECTION	46.6	43.8	40.0
HARVEST PRIMARILY BY MACHINE	31.9	30.5	26.1
PREPARATION SVCS FOR MARKET	40.9	45.9	39.4
TOTAL FARM LABOR & MANAGEMENT	33.0	27.3	34.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	6.69	6.50	6.73
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.28	6.19	6.44
FIELD CROPS	7.01	6.62	6.64
VEGETABLES AND MELONS	6.59	6.02	6.62
TOTAL FRUITS AND TREE NUTS	6.53	6.43	6.52
GRAPES	6.65	6.39	6.62
CITRUS FRUITS	6.92	6.85	7.02
OTHER FRUITS AND NUTS	6.10	6.07	6.01
HORTICULTURAL SPECIALTIES	7.22	7.26	7.02
GENERAL FARM PRIMARILY CROP	5.28	5.55	5.81
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.60	7.58	7.69
DAIRY FARMS	9.49	9.43	9.90
CHICKEN EGGS	6.34	5.95	7.19
OTHER LIVESTOCK	7.18	7.23	7.10
TOTAL AGRICULTURAL SERVICES	6.69	6.29	6.62
CROP SERVICES	6.38	6.47	6.32
PLANT CULTIVATE & PROTECTION	6.04	6.08	7.22
HARVEST PRIMARILY BY MACHINE	6.13	6.17	5.41
PREPARATION SVCS FOR MARKET	6.62	6.70	6.36
TOTAL FARM LABOR & MANAGEMENT	6.88	6.18	6.98

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SACRAMENTO

## Wage and Salary Employment in Agricultural Establishments

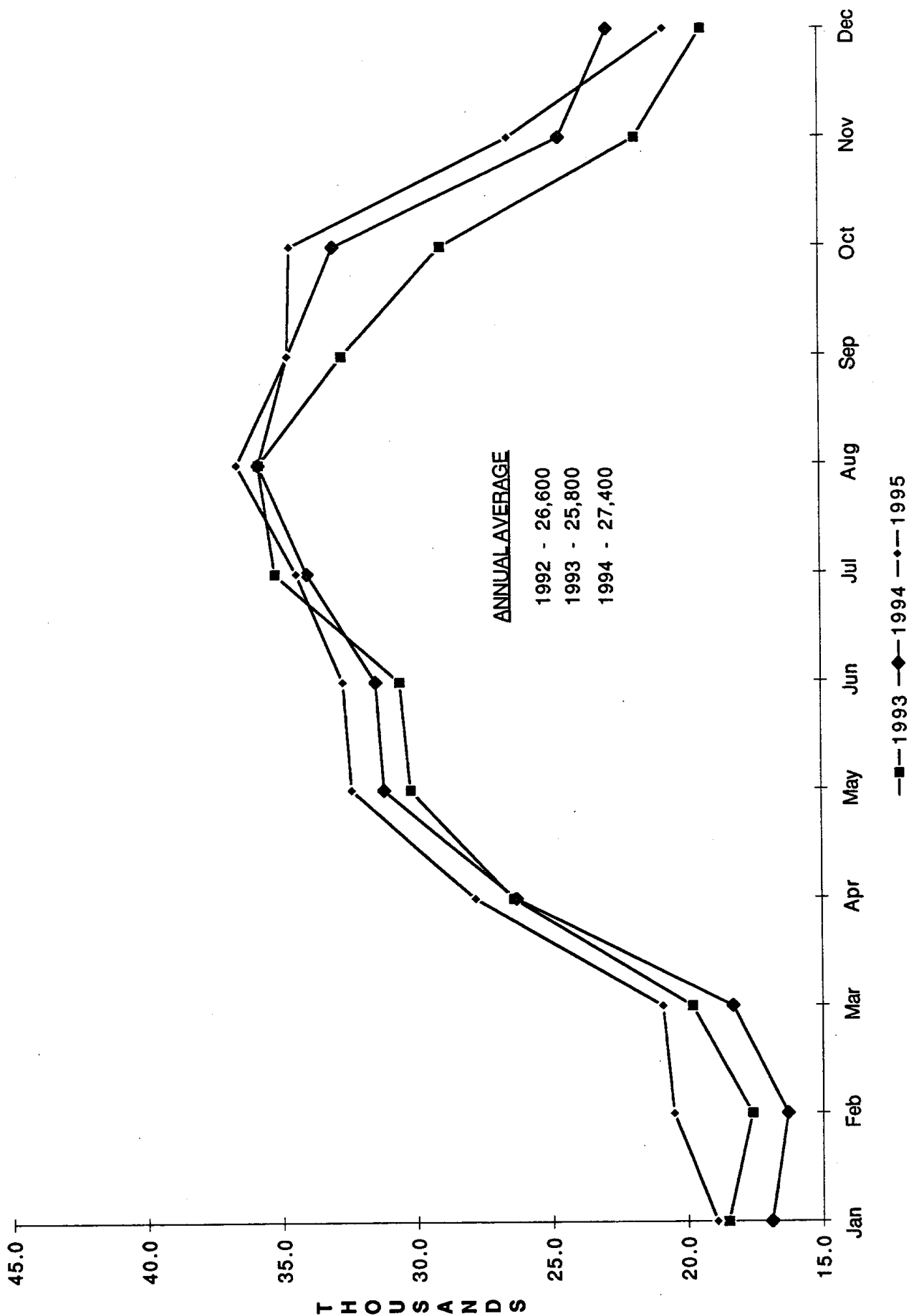


TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	20.7	24.8	22.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	14.3	17.2	16.4
RICE	1.0	1.3	1.4
VEGETABLES AND MELONS	0.8	1.4	1.2
TOTAL FRUIT AND TREE NUTS	7.4	8.7	7.2
TREE NUTS	2.2	2.5	2.3
DECIDUOUS TREE FRUIT	3.5	4.1	3.4
OTHER FRUITS AND NUTS	1.7	2.1	1.5
HORTICULTURAL SPECIALTIES	2.3	2.3	2.4
GENERAL FARM PRIMARILY CROP	2.8	3.5	4.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.7	1.7
TOTAL AGRICULTURAL SERVICES	4.6	5.9	4.7
CROP SERVICES	2.4	3.1	2.1
HARVEST PRIMARILY BY MACHINE	0.7	0.8	0.7
PREPARATION SVCS FOR MARKET	1.7	2.3	1.4
TOTAL FARM LABOR & MANAGEMENT	2.2	2.8	2.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	18.2	22.4	20.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	12.8	15.8	14.5
RICE	0.8	1.1	1.2
VEGETABLES AND MELONS	0.7	1.3	1.1
TOTAL FRUIT AND TREE NUTS	6.8	8.1	6.4
TREE NUTS	2.1	2.3	2.1
DECIDUOUS TREE FRUIT	3.2	3.9	3.0
OTHER FRUITS AND NUTS	1.5	1.9	1.3
HORTICULTURAL SPECIALTIES	2.1	2.1	2.2
GENERAL FARM PRIMARILY CROP	2.4	3.2	3.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.5	1.5
TOTAL AGRICULTURAL SERVICES	3.8	5.1	4.0
CROP SERVICES	1.7	2.4	1.5
HARVEST PRIMARILY BY MACHINE	0.4	0.5	0.4
PREPARATION SVCS FOR MARKET	1.3	1.9	1.1
TOTAL FARM LABOR & MANAGEMENT	2.1	2.7	2.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	272.96	278.36	296.65
TOTAL AGRICULTURAL PRODUCTION/CROPS	275.81	276.19	291.81
RICE	356.26	355.89	388.31
VEGETABLES AND MELONS	451.62	446.37	496.58
TOTAL FRUIT AND TREE NUTS	237.99	224.08	265.85
TREE NUTS	254.12	267.52	285.56
DECIDUOUS TREE FRUIT	225.11	219.48	252.70
OTHER FRUITS AND NUTS	244.07	182.98	264.68
HORTICULTURAL SPECIALTIES	287.66	288.04	199.60
GENERAL FARM PRIMARILY CROP	294.68	303.26	305.16
TOTAL AGRIC PRODUCTION/LIVESTOCK	295.23	315.54	309.76
TOTAL AGRICULTURAL SERVICES	256.43	275.37	307.33
CROP SERVICES	292.16	315.05	322.21
HARVEST PRIMARILY BY MACHINE	245.27	307.09	254.07
PREPARATION SVCS FOR MARKET	307.22	317.68	348.35
TOTAL FARM LABOR & MANAGEMENT	226.19	239.68	297.93

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	40.2	41.3	41.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.5	41.1	41.1
RICE	44.7	46.4	48.6
VEGETABLES AND MELONS	46.8	48.1	51.3
TOTAL FRUIT AND TREE NUTS	38.2	37.1	41.8
TREE NUTS	40.4	44.0	44.9
DECIDUOUS TREE FRUIT	34.9	35.4	38.0
OTHER FRUITS AND NUTS	42.3	32.5	45.4
HORTICULTURAL SPECIALTIES	38.0	37.8	27.8
GENERAL FARM PRIMARILY CROP	45.9	48.6	42.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.8	48.1	48.4
TOTAL AGRICULTURAL SERVICES	37.6	40.2	42.1
CROP SERVICES	38.8	41.4	41.9
HARVEST PRIMARILY BY MACHINE	32.4	40.3	30.5
PREPARATION SVCS FOR MARKET	40.8	41.8	46.2
TOTAL FARM LABOR & MANAGEMENT	36.6	39.1	42.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	6.79	6.74	7.08
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.81	6.72	7.10
RICE	7.97	7.67	7.99
VEGETABLES AND MELONS	9.65	9.28	9.68
TOTAL FRUIT AND TREE NUTS	6.23	6.04	6.36
TREE NUTS	6.29	6.08	6.36
DECIDUOUS TREE FRUIT	6.45	6.20	6.65
OTHER FRUITS AND NUTS	5.77	5.63	5.83
HORTICULTURAL SPECIALTIES	7.57	7.62	7.18
GENERAL FARM PRIMARILY CROP	6.42	6.24	7.13
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.59	6.56	6.40
TOTAL AGRICULTURAL SERVICES	6.82	6.85	7.30
CROP SERVICES	7.53	7.61	7.69
HARVEST PRIMARILY BY MACHINE	7.57	7.62	8.33
PREPARATION SVCS FOR MARKET	7.53	7.60	7.54
TOTAL FARM LABOR & MANAGEMENT	6.18	6.13	7.06

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# **NORTH COAST**

## **Wage and Salary Employment in Agricultural Establishments**

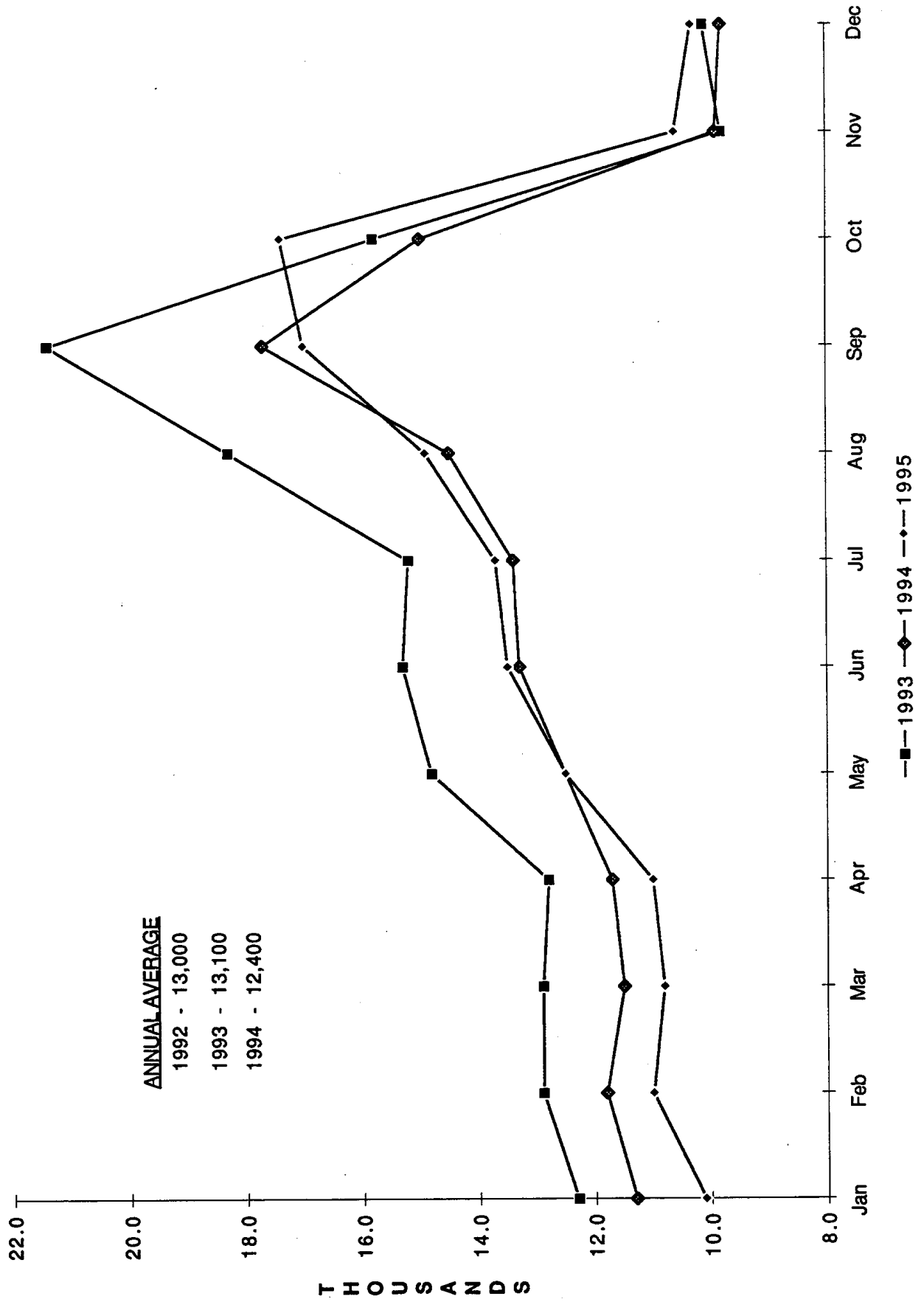


TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	10.3	11.1	9.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.7	7.8	6.7
TOTAL FRUITS AND TREE NUTS	5.6	5.7	5.1
GRAPES	4.4	4.5	4.0
OTHER FRUITS AND NUTS	1.2	1.2	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.3	1.2	1.0
GENERAL FARM PRIMARILY CROP (2)	0.8	0.9	0.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.8	1.9
TOTAL AGRICULTURAL SERVICES	1.1	1.5	1.2

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	8.0	8.8	7.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.6	6.0	4.9
TOTAL FRUITS AND TREE NUTS	3.9	4.3	3.6
GRAPES	2.9	3.2	2.6
OTHER FRUITS AND NUTS	1.0	1.1	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.0	0.9	0.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.6	1.6
TOTAL AGRICULTURAL SERVICES	0.9	1.2	1.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	279.17	297.50	289.02
TOTAL AGRICULTURAL PRODUCTION/CROPS	264.79	290.51	273.74
TOTAL FRUITS AND TREE NUTS	255.00	286.12	265.72
GRAPES	273.86	304.59	298.34
OTHER FRUITS AND NUTS	202.99	234.24	181.37
TOTAL HORTICULTURAL SPECIALTIES	276.48	299.59	300.77
TOTAL AGRIC PRODUCTION/LIVESTOCK	336.52	326.16	332.48
TOTAL AGRICULTURAL SERVICES	284.93	291.02	292.06

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	38.4	39.3	39.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	37.4	39.1	38.5
TOTAL FRUITS AND TREE NUTS	34.6	35.9	36.5
GRAPES	35.2	35.5	38.2
OTHER FRUITS AND NUTS	32.9	37.3	32.1
TOTAL HORTICULTURAL SPECIALTIES	38.4	41.9	41.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.0	45.3	46.5
TOTAL AGRICULTURAL SERVICES	31.8	32.3	34.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1995	NOV 1995	DEC 1994
TOTAL AGRICULTURAL	7.27	7.57	7.28
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.08	7.43	7.11
TOTAL FRUITS AND TREE NUTS	7.37	7.97	7.28
GRAPES	7.78	8.58	7.81
OTHER FRUITS AND NUTS	6.17	6.28	5.65
TOTAL HORTICULTURAL SPECIALTIES	7.20	7.15	7.23
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.16	7.20	7.15
TOTAL AGRICULTURAL SERVICES	8.96	9.01	8.49

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.